

PARKER WILLIAMS

pjwilliams3@wisc.edu

PERSONAL SUMMARY

Dedicated and hardworking Engineering student that is eager to get involved and make new connections within the engineering organization. Strong communication skills and strong leadership skills with the ability to learn new concepts quickly.

SKILLS

- Strong Leadership
- Communication
- Problem Solving
- Excellent Customer Service
- Work Well In a Team Atmosphere
- Open minded
- Punctual
- Caring
- Experience with AutoCAD and SOLIDWORKS
- Experience with Programming Arduino Development Boards
- Agricultural background from time spent on Uncles Dairy/Crop farm

PROFESSIONAL EXPERIENCE

March 2012- August 2015

Customer Service Representative, *Dave's Ace Hardware, Evansville, WI*

- Assist customers to locate items and give them advice on which products to use and how to use them. Also help customers to problem solve, finding the best solution to their problem.
- Developed strong customer service and communication skills.
- Lead customer service representative relied upon for new employee orientation and training
- Was one of only a few customer service representatives beside the shift managers that could recommend and mix paint for customers using computerized metering and mixing systems.

June 2012-August 2015 **Construction Worker, *Magee Construction, Evansville, WI***

- Worked summers doing a variety of jobs from roofing, to remodeling, to new home construction and more.

- Learned to read and understand architectural blue prints and drawings.
- Learned how to work well in a team atmosphere when working with a crew but also learned leadership skills and problem solving when assigned to smaller jobs and tasks on my own.

October 2015- Present Researcher for Dr. Luck in UW Madison Biological Systems Engineering Department.

- Currently heading on a project called SPLAT that is developing a system to attach to the bottom of a UAV drone and dispense environmentally friendly mating disruption pheromones for moths in cranberry bogs.
- I am planning to use Arduino systems to be able to computer control the exact amount of pheromones dropped. To do this I am learning to program this system and the electronics that can go into projects like these.
- I am also using SOLIDWORKS to design different components of the device and will soon be 3D printing them to continue testing and development

EDUCATION

September 2014- Current CALS Student, BSE Undergrad *University of Wisconsin Madison*

2010-2014 Evansville High School

Was a high honor student with a GPA of 3.69 and was Officer with Student Council Executive Committee and headed Freshman Mentor Groups

Course Work in

- Technical Drawing
- Building Trades
- Agricultural Classes
- AP Calculus

Affiliations

Evansville High School

- National Honor Society
- Student Council
- Evansville Community Service Project
- Freshman Mentor
- Basketball
- Member World Karting Association
- United Methodist Church
- Math Meet Team

University Wisconsin-Madison

- American Society of Agricultural and Biological Engineers
- Wisconsin Pulling Team

Accomplishments

Student Council

- Class Secretary Freshman and Sophomore years (2010-12)
- Executive Council Secretary Freshman and Sophomore (2012-14)

Wisconsin Pulling Team

- X Team Captain

World Karting Association

- 2009 Midwest Sprint Series Champion
- 2009 Finished 5th in the nation in Gold Cup Series
- 2010 Midwest Sprint Series Champion
- 2010 Great Lakes Sprint Series Champion
- 2010 Runner up to National Championship in Gold Cup Series

Racing since I was 4 years old not only pushed my competitive spirit which carries on into many real life situations today, but it also allowed me to understand how physics such as g-forces, acceleration, different tracks, varying track conditions, etc. affected not only the setup of the kart but also my driving input or style. It taught me things such as weight distribution, cross, camber, caster, gearing, rpms etc. and what affects each of these has on different situations.

References

Paul Warren Head Manager at Ace Hardware

Email: paul@davesace.com

Phone: (608) 882-4646

Tim Magee Owner of Magee Construction

Email: mageet@wausauhomes.com

Phone: (608) 931-7510

Chris Anich Church Youth Group Leader

Email: canich@eishome.com

Phone: (608) 305-1230